

What is claimed is:

1. A mobile machine, comprising:
at least two electrical drive systems;
at least one electrical control system; and
at least one electrical power source,
wherein during deceleration, at least a portion of the electrical energy generated by at least one of the electrical drive systems being decelerated is fed to at least one other electrical drive system.

2. The mobile machine as claimed in claim 1, wherein the electrical drive system being decelerated is effectively connected with an electrical energy storage mechanism configured to absorb the energy generated during braking or deceleration.

3. The mobile machine as claimed in claim 2, wherein the electrical energy storage mechanism is charged by the electrical drive system being decelerated only with the amount of energy that is not required for normal operation of the at least one other drive system.

4. The mobile machine as claimed in claim 2, wherein the at least one other drive system, if it is not already in operation, is activated to absorb energy only when the electrical energy storage mechanism is fully charged.

5. The mobile machine as claimed in claim 1, wherein the at least one other drive system is effectively connected with a hydraulic system.

6. The mobile machine as claimed in claim 5, wherein energy introduced into the hydraulic system by the at least one other drive system is converted into thermal energy by means of a pressure reducing valve.

7. The mobile machine as claimed in claim 5, wherein energy introduced into the hydraulic system by the at least one other drive system is converted into thermal energy by means of a hydrodynamic braking device.

8. The mobile machine as claimed in claim 1, wherein the electrical power source includes at least one fuel cell system.

9. The mobile machine as claimed in claim 1, wherein the electrical power source includes a heat engine with a connected generator.

10. The mobile machine as claimed in claim 1, wherein the mobile machine is an industrial truck.

11. The mobile machine as claimed in claim 2, wherein the storage mechanism is a high-capacity capacitor.

12. The mobile machine as claimed in claim 3, wherein the at least one other drive system, if it is not already in operation, is activated to absorb energy only when the electrical energy storage mechanism is fully charged.

13. The mobile machine as claimed in claim 5, wherein the at least one other drive system is connected to a hydraulic pump.

14. The mobile machine as claimed in claim 9, wherein the heat engine is an internal combustion engine.